

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A computer implemented system for resolving ambiguity comprising:

a processor;

the processor operatively coupled to a computer readable storage medium including program modules that include executable instructions, the computer readable storage medium including:

[[a]] at least one program module ~~executing on a computer~~ that receives inputs;

[[a]] at least one program module configured to parse a grammatical structure of the received inputs to identify a token not present in the received inputs, wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the received inputs;

[[a]] at least one program module configured to add the token to the received inputs thereby generating a modified inputs; and

[[a]] at least one program module configured to generate from the modified inputs, a collection of ranked interpretations representing a list of probable intent comprising a set of fragments of data types structurally compatible to ~~data types in the modified inputs~~ other fragments in the set, wherein a fragment of the set of compatible fragments is generated by analyzing a grammatical structure of one or more of the modified inputs at a linguistic level , wherein the collection of ranked interpretation is determined based on a number of matching data types.

2. (Original) The system of claim 1, wherein the inputs comprise a natural language request.

3. (Original) The system of claim 1, wherein the inputs comprise a filter.

4. (Original) The system of claim 1, wherein the inputs comprise a bias.

5. (Original) The system of claim 1, wherein the inputs comprise a culture.

6. (Original) The system of claim 1, wherein the inputs comprise a schema for data to be operated upon.

7. (Currently Amended) The system of claim 1, further comprising [[a]] at least one module for connecting to a plurality of search providers.

8. (Currently Amended) The system of claim 7, wherein the at least one module for connecting to the plurality of search providers receives search results from the plurality of search providers.

9. (Currently Amended) A computer implemented method for resolving ambiguity in a natural language request, the method comprising:

in response to receiving a natural language request and at least one input at a computer system, parsing a grammatical structure of the at least one input to identify a token not present in the at least one input, wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the at least one input; adding the token to the at least one input thereby generating a modified at least one input;

generating a plurality of ranked interpretations representing a list of probable intent comprising a set of fragments of data types structurally compatible to data types in the modified at least one input, wherein a fragment of the set of compatible fragments is generated by analyzing a grammatical structure of the request at a linguistic level; and performing an action in response to at least one of the plurality of ranked interpretations.

10. (Original) The method of claim 9, wherein the action comprises performing a search.

11. (Original) The method of claim 9, wherein the action comprises executing a command represented by the at least one of the plurality of ranked interpretations.

12. (Original) The method of claim 9, wherein the at least one input comprises a filter.

13. (Original) The method of claim 9, wherein the at least one input comprises a bias.

14. (Original) The method of claim 9, wherein the at least one input comprises a culture.

15. (Original) The method of claim 9, wherein the at least one input comprises a schema for data upon which the action will be taken.

16. (Original) The method of claim 9, wherein generating the plurality of ranked interpretations comprises:

analyzing the natural language request to determine a plurality of relevant terms,
associating each of the plurality of relevant terms with at least one structure of a plurality of structures in a schema associated with data upon which the action will be taken;
combining terms associated with the at least one structure to generate at least one interpretation of the plurality of interpretations; and
assigning a rank to the at least one interpretation.

17. (Original) The method of claim 9, further comprising sending at least one of the plurality of ranked interpretations to at least one of a plurality of search providers.

18. (Original) The method of claim 9, further comprising receiving a collection of search results from at least one of a plurality of search providers.

19. (Original) The method of claim 9, further comprising receiving a set of parameters.

20. (Original) The method of claim 19, wherein the set of parameters comprises an expansion policy.

21. (Original) The method of claim 19, wherein the set of parameters comprises an interpretation generation policy.

22. (Currently Amended) A computer-readable storage medium comprising computer-executable instructions for:

in response to receiving a natural language request, parsing the grammatical structure of the natural language request to identify a token not present in the natural language request, wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the natural language request;

adding the token to the natural language request thereby generating a modified natural language request;

analyzing the modified natural language request by analyzing a grammatical structure of the modified natural language request at a linguistic level to determine a plurality of relevant terms;

associating each of the plurality of relevant terms with ~~a structure in a schema associated with data~~ a data type to generate at least one fragment; upon which an action will be taken such that the data is structurally compatible to data in the modified natural language request;

~~combining terms associated with the structure~~ the at least one fragment with other compatible fragment to generate at least one interpretation of the natural language request representing a probable intent, wherein compatibility is determined based on matching words and ~~comparing grammatical structures~~ matching data types;

assigning a rank to the at least one interpretation based on the number of matching data types; and

~~performing an action in response to the at least one interpretation~~ providing the ranked interpretation to a search provider.

23. (Currently Amended) A computer-readable storage medium of claim 22, comprising further computer-executable instructions for performing a search.

24. (Currently Amended) A computer-readable storage medium of claim 22, comprising further computer-executable instructions for executing a command represented by the at least one interpretation.

25. (Currently Amended) A computer-readable storage medium of claim 22, comprising further computer-executable instructions for connecting to a plurality of search providers.

26. (Currently Amended) A computer-readable storage medium of claim 22, comprising further computer-executable instructions for displaying search results.